

HYPERGOLIC FUEL LEAK DETECTOR AND ALARM SYSTEM, COLORIMETRIC WITH OPTICAL READER

ABSTRACT OF THE DISCLOSURE

A system for transporting fuel exhibits increased safety. The system includes a fuel leak detector including: a colorimetric chemical monitor configured to change color in response to presence of a fuel or fuel component, an optical reader configured to monitor a color of the chemical monitor, and an alarm system configured to provide an alarm when a color of the chemical monitor changes by a predetermined amount.

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